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# Detailed Facility Report

## Facility Summary

**U.S. STEEL MINNESOTA ORE OPERATION**  
**COUNTY ROAD 102, MOUNTAIN IRON, MN 55768** ⓘ

### Facility Information (FRS)

FRS ID: 110008476988  
EPA Region: 05  
Latitude: 47.523918  
Longitude: -92.644184  
Locational Data Source: RCRAINFO  
Industry: Mining (except Oil and Gas)  
Indian Country: N

### Regulatory Interests

Clean Air Act: No Information  
Clean Water Act: Major, Permit Admin Continued (MN0057207), Minor, Permit Admin Continued (MN0050504), Minor, Permit Admin Continued (MN0052493)  
Resource Conservation and Recovery Act: Active (H ) SQG (MND000823997)  
Safe Drinking Water Act: No Information

### Also Reports

Air Emissions Inventory (EIS): No Information  
Greenhouse Gas Emissions (eGGRT): No Information  
Toxic Releases (TRI): No Information

## Enforcement and Compliance Summary ⓘ

Statute	Insp (5 Years)	Date of Last Inspection	Current Compliance Status	Qtrs in NC (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CWA	6	08/06/2013	Unknown	0	0		1	\$4,750	1	\$161,000
RCRA		09/01/2009	No Violation	0	0					

Related Reports:  CWA Effluent Charts  CWA Pollutant Loading Report  Enforcement Case Report

## Facility/System Characteristics

### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110008476988					N	47.523918	-92.644184
ICP	CWA	MN0057207	Major: NPDES Individual Permit	Admin Continued		07/31/1992	N	47.523918	-92.644184
ICP	CWA	MN0050504	Minor: NPDES Individual Permit	Admin Continued		12/31/1989	N	47.567528	-92.633222
ICP	CWA	MN0052493	Minor: NPDES Individual Permit	Admin Continued		11/30/2008	N	47.525556	-92.626667
RCR	RCRA	MND000823997	SQG	Active (H )			N	47.523918	-92.644184

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110008476988	U.S. STEEL MINNESOTA ORE OPERATION	COUNTY ROAD 102, MOUNTAIN IRON, MN 55768
ICP	CWA	MN0057207	USS/USX-MINNTAC TAILINGS	P.O. BOX 417, MOUNTAIN IRON, MN 55768
ICP	CWA	MN0050504	US STEEL CORP-MINNTAC WWTF	P.O. BOX 417, MOUNTAIN IRON, MN 55768
ICP	CWA	MN0052493	US STEEL CORP-RESERVOIR	COUNTY ROAD 102, MOUNTAIN IRON, MN 55768
RCR	RCRA	MND000823997	U.S. STEEL - MINNTAC	COUNTY ROAD 102, MT. IRON, MN 55768

### Facility SIC Codes

System	Identifier	SIC Code	SIC Desc
ICP	MN0050504	1011	Iron Ores
ICP	MN0052493	1011	Iron Ores
ICP	MN0057207	1011	Iron Ores

### Facility NAICS Codes

System	Identifier	NAICS Code	NAICS Desc
RCR	MND000823997	21221	

### Facility Tribe Information

Tribal Name	EPA Tribal ID	Distance to Tribe (miles)
Bois Forte Reservation	571	23.63
Minnesota Chippewa Trust Land	576	6.14

## Enforcement and Compliance

### Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CWA	MN0052493	ICP	Evaluation	State	11/15/2011	
CWA	MN0057207	ICP	Evaluation	State	08/06/2013	
CWA	MN0057207	ICP	Evaluation	EPA	05/31/2012	
CWA	MN0052493	ICP	Evaluation	State	08/03/2010	
CWA	MN0057207	ICP	Evaluation	State	11/15/2011	
CWA	MN0057207	ICP	Evaluation	State	08/03/2010	

Entries in italics are not considered inspections in official counts.

### Compliance Summary Data

Statute	Source ID	Current SNC/HPV	Description	Current As Of	Qtrs in NC (of 12)
CWA	MN0057207			03/31/2015	0
CWA	MN0050504			03/31/2015	0
CWA	MN0052493			03/31/2015	0
RCRA	MND000823997	No		09/12/2015	0

### Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13*
CWA (Source ID: MN0057207)		04/01-06/30 2012	07/01-09/30 2012	10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014	07/01-09/30 2014	10/01-12/31 2014	01/01-03/31 2015	04/01-06/30 2015
	Facility-Level Status	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	Unk	No Viol	No Viol	Und
	SNC/RNC History										U(N/A)			
CWA (Source ID: MN0050504)		04/01-06/30 2012	07/01-09/30 2012	10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014	07/01-09/30 2014	10/01-12/31 2014	01/01-03/31 2015	04/01-06/30 2015
	Facility-Level Status	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	Unk	Unk	Unk	Und
	SNC/RNC History										U(N/A)	U(N/A)	U(N/A)	
CWA (Source ID: MN0052493)		04/01-06/30 2012	07/01-09/30 2012	10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014	07/01-09/30 2014	10/01-12/31 2014	01/01-03/31 2015	04/01-06/30 2015
	Facility-Level Status	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	Unk	Unk	Unk	Und
	SNC/RNC History										U(N/A)	U(N/A)	U(N/A)	

\*Quarter 13 is draft/unofficial and has not been fully quality assured. [Read more](#)

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
RCRA (Source ID: MND000823997)		10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014	07/01-09/30 2014	10/01-12/31 2014	01/01-03/31 2015	04/01-06/30 2015	07/01-09/30 2015
RCRA	Facility-Level Status												

### Informal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date
No data records returned				

### Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
CWA	MN0057207	State CWA Penalty AO	State	03/09/2012	\$4,750	

### ICIS Case History (5 years)

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
CWA / §404	05-2012-0101	Administrative - Formal	EPA	U.S. Steel Corp. - Minnesota Ore Operation	03/15/2012	03/15/2012	\$161,000	\$0	\$0	\$0

## Environmental Conditions

### Water Quality

Permit ID	Combined Sewer System?	Number of CSO Outfalls	Watershed (HUC 8)	Watershed Name (HUC 8)	Watershed (HUC 12)	Watershed Name (HUC 12)	Receiving Waters	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA-listed Aquatic Species?
MN0050504			04010201	ST. LOUIS	040102010502	West Two River Reservoir	West Two River	No			Yes
MN0052493			04010201	ST. LOUIS	040102010502	West Two River Reservoir	West Two River	No			Yes
MN0057207			04010201	ST. LOUIS	040102010502	West Two River Reservoir	West Two River	No			Yes

Waterbody Designated Uses

REACH Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
04010201000203	West Two River	No	No	No	No	No	No
04010201000203	West Two River	No	No	No	No	No	No
04010201000203	West Two River	No	No	No	No	No	No

Air Quality

Non-Attainment Area?	Pollutant(s)
No	Ozone
No	Lead
No	Particulate Matter

Pollutants

TRI History of Reported Chemicals Released in Pounds per Year at Site ⓘ

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

TRI Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	96%	Households in Area:	823
Center latitude:	47.523918	Water Area:	4%	Housing Units in Area:	883
Center Longitude:	-92.644184	Population Density:	61/sq.mi.	Households on Public Assistance:	73
Total Persons:	1,691	Percent Minority:	3%	Persons Below Poverty Level:	448
Race Breakdown		Persons (%)		Age Breakdown	
White:	1,640 (96.98%)			Child 5 years and younger:	111 (6.56%)
African-American:	8 (.47%)			Minors 17 years and younger:	378 (22.35%)
Hispanic-Origin:	9 (.53%)			Adults 18 years and older:	1,313 (77.65%)
Asian/Pacific Islander:	3 (.18%)			Seniors 65 years and older:	306 (18.1%)
American Indian:	10 (.59%)				
Other/Multiracial:	30 (1.77%)				
Education Level (Persons 25 & older)		Persons (%)		Income Breakdown	
Less than 9th Grade:	12 (1.07%)			Less than \$15,000:	181 (23.15%)
9th through 12th Grade:	20 (1.79%)			\$15,000 - \$25,000:	119 (15.22%)
High School Diploma:	498 (44.5%)			\$25,000 - \$50,000:	214 (27.37%)
Some College/2-yr:	386 (34.5%)			\$50,000 - \$75,000:	140 (17.9%)
B.S./B.A. or More:	203 (18.14%)			Greater than \$75,000:	128 (16.37%)